



MidAmerican Energy  
4299 NW Urbandale Drive  
P.O. Box 657  
Des Moines, Iowa 50322

August 30, 2010

368-375

REC'D

SEP 01 2010

APCO

Director, Air and Waste Management Division  
U.S. Environmental Protection Agency  
901 N. 5th Street, Kansas City, KS 66101

RE: Initial Notification of Applicability; National Emission Standards for Hazardous Air Pollutants: Stationary Reciprocating Internal Combustion Engines; 40 CFR Part 63 Subpart ZZZZ

Dear Sir or Madam:

Enclosed are the initial notifications of applicability for National Emission Standards for Hazardous Air Pollutants: Stationary Reciprocating Internal Combustion Engines, 40 CFR Part 63 Subpart ZZZZ, for the engines located at the following MidAmerican Energy Company facilities located in Iowa:

Cambrex  
AE Dairy  
Waterloo Lundquist Power Station  
Shenandoah Power Station  
Knoxville Power Station  
Pleasant Hill Energy Center  
Urbandale Business Center  
Des Moines Control Center

If you have any questions concerning this submission, please contact me at 515-281-2337.

Sincerely,

Josh Mohr  
Sr. Environmental Coordinator

Enclosure: Initial notices

Cc: Iowa DNR  
Polk County AQD  
B. A. Cahoon  
R. A. Rogers  
C. S. Woollums  
K. D. Dodson  
D. E. Mohning

**Initial Notification for Compression Ignition Engines  
NESHAP for Reciprocating Internal Combustion Engines  
40 Code of Federal Regulations (CFR) 63.6580 – 63.6675 (Subpart ZZZZ)**

**Facility Information**

**Company Name:** MidAmerican Energy Company

**Facility Name:** Cambrex

**Facility Number:** 34-01-030

**Facility Location:** 1205 11<sup>th</sup> Street, Charles City, IA 50618

**Company Contact:** Veronica Danner  
4401 Carlisle Road  
Pleasant Hill, IA 50327

**Company Contact Telephone & E-mail:** 515-252-6884  
VLDanner@midamerican.com

**Facility Source Type:** Area Source

**Identification of Standard:** This facility is subject to 40 CFR 63 Subpart ZZZZ, National Emission Standards for Hazardous Air Pollutants for Reciprocating Internal Combustion Engines (RICE NESHAP).

**Engine Data**

Emission Unit Number	Emission Unit Description	Is this an emergency engine?	Construction Date	Engine Model Year	Brake Horsepower (BHP)
EP001	Diesel Engine Generator	No	3/28/2000	2000	2628

**Certification and Signature:**

I certify the truth, accuracy, and completeness of this notification.

**Responsible Official Name:** Brian A Cahoon

**Responsible Official Signature:** 

**Date:** 8/27/2010

**Initial Notification for Compression Ignition Engines  
NESHAP for Reciprocating Internal Combustion Engines  
40 Code of Federal Regulations (CFR) 63.6580 – 63.6675 (Subpart ZZZZ)**

**Facility Information**

**Company Name:** MidAmerican Energy Company

**Facility Name:** AE Dairy

**Facility Number:** 02621

**Facility Location:** 2291 State Street, Des Moines, IA 50317

**Company Contact:** Veronica Danner  
4401 Carlisle Road  
Pleasant Hill, IA 50327

**Company Contact Telephone & E-mail:** 515-252-6884  
VLDanner@midamerican.com

**Facility Source Type:** Area Source

**Identification of Standard:** This facility is subject to 40 CFR 63 Subpart ZZZZ, National Emission Standards for Hazardous Air Pollutants for Reciprocating Internal Combustion Engines (RICE NESHAP).

**Engine Data**

Emission Unit Number	Emission Unit Description	Is this an emergency engine?	Construction Date	Engine Model Year	Brake Horsepower (BHP)
EP1	Diesel Engine Generator	No	5/30/2001	2000	2876

**Certification and Signature:**

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**Responsible Official Name:** Brian A Cahoon

**Responsible Official Signature:** Brian A. Cahoon

**Date:** 8/27/2010

**Initial Notification for Compression Ignition Engines**  
**NESHAP for Reciprocating Internal Combustion Engines**  
**40 Code of Federal Regulations (CFR) 63.6580 – 63.6675 (Subpart ZZZZ)**

**Facility Information**

**Company Name:** MidAmerican Energy Company

**Facility Name:** Waterloo Lundquist Power Station

**Facility Number:** 07-01-133

**Facility Location:** 3 Lafayette St., Waterloo, IA 50703

**Company Contact:** Veronica Danner  
4401 Carlisle Road  
Pleasant Hill, IA 50327

**Company Contact Telephone & E-mail:** 515-252-6884  
VLDanner@midamerican.com

**Facility Source Type:** Area Source

**Identification of Standard:** This facility is subject to 40 CFR 63 Subpart ZZZZ, National Emission Standards for Hazardous Air Pollutants for Reciprocating Internal Combustion Engines (RICE NESHAP).

**Engine Data**

Emission Unit Number	Emission Unit Description	Is this an emergency engine?	Construction Date	Engine Model Year	Brake Horsepower (BHP)
EP1	Diesel Engine Generator	No	3/1/2000	2000	2876
EP2	Diesel Engine Generator	No	3/1/2000	2000	2876
EP3	Diesel Engine Generator	No	3/1/2000	2000	2876
EP4	Diesel Engine Generator	No	3/1/2000	2000	2876
EP5	Diesel Engine Generator	No	3/1/2000	2000	2876
EP6	Diesel Engine Generator	No	3/1/2000	2000	2876
EP7	Diesel Engine Generator	No	3/1/2000	2000	2876
EP8	Diesel Engine Generator	No	3/1/2000	2000	2876
EP9	Diesel Engine Generator	No	3/1/2000	2000	2876

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**Initial Notification for Compression Ignition Engines**  
**NESHAP for Reciprocating Internal Combustion Engines**  
**40 Code of Federal Regulations (CFR) 63.6580 – 63.6675 (Subpart ZZZZ)**

**Facility Information**

**Company Name:** MidAmerican Energy Company

**Facility Name:** Shenandoah Power Station

**Facility Number:** 73-01-018

**Facility Location:** 900 West Ferguson, Shenandoah, IA 51601

**Company Contact:** Veronica Danner  
4401 Carlisle Road  
Pleasant Hill, IA 50327

**Company Contact Telephone & E-mail:** 515-252-6884  
VLDanner@midamerican.com

**Facility Source Type:** Area Source

**Identification of Standard:** This facility is subject to 40 CFR 63 Subpart ZZZZ, National Emission Standards for Hazardous Air Pollutants for Reciprocating Internal Combustion Engines (RICE NESHAP).

**Engine Data**

Emission Unit Number	Emission Unit Description	Is this an emergency engine?	Construction Date	Engine Model Year	Brake Horsepower (BHP)
EP1	Diesel Engine Generator	No	3/1/2000	2000	2876
EP2	Diesel Engine Generator	No	3/1/2000	2000	2876
EP3	Diesel Engine Generator	No	3/1/2000	2000	2876
EP4	Diesel Engine Generator	No	3/1/2000	2000	2876
EP5	Diesel Engine Generator	No	3/1/2000	2000	2876
EP6	Diesel Engine Generator	No	3/1/2000	2000	2876
EP7	Diesel Engine Generator	No	3/1/2000	2000	2876
EP8	Diesel Engine Generator	No	3/1/2000	2000	2876
EP9	Diesel Engine Generator	No	3/1/2000	2000	2876
EP10	Diesel Engine Generator	No	3/1/2000	2000	2876

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**Initial Notification for Compression Ignition Engines**  
**NESHAP for Reciprocating Internal Combustion Engines**  
**40 Code of Federal Regulations (CFR) 63.6580 – 63.6675 (Subpart ZZZZ)**

**Facility Information**

**Company Name:** MidAmerican Energy Company

**Facility Name:** Knoxville Power Station

**Facility Number:** 63-01-017

**Facility Location:** 307 Godfrey Lane, Knoxville, IA 50138

**Company Contact:** Veronica Danner  
4401 Carlisle Road  
Pleasant Hill, IA 50327

**Company Contact Telephone & E-mail:** 515-252-6884  
VLDanner@midamerican.com

**Facility Source Type:** Area Source

**Identification of Standard:** This facility is subject to 40 CFR 63 Subpart ZZZZ, National Emission Standards for Hazardous Air Pollutants for Reciprocating Internal Combustion Engines (RICE NESHAP).

**Engine Data**

Emission Unit Number	Emission Unit Description	Is this an emergency engine?	Construction Date	Engine Model Year	Brake Horsepower (BHP)
EP1	Diesel Engine Generator	No	3/1/2000	2000	2876
EP2	Diesel Engine Generator	No	3/1/2000	2000	2876
EP3	Diesel Engine Generator	No	3/1/2000	2000	2876
EP4	Diesel Engine Generator	No	3/1/2000	2000	2876
EP5	Diesel Engine Generator	No	3/1/2000	2000	2876
EP6	Diesel Engine Generator	No	3/1/2000	2000	2876
EP7	Diesel Engine Generator	No	3/1/2000	2000	2876
EP8	Diesel Engine Generator	No	3/1/2000	2000	2876

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**Responsible Official Signature:** 

**Date:** 8/27/2010



**Initial Notification for Compression Ignition Engines  
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40 Code of Federal Regulations (CFR) 63.6580 – 63.6675 (Subpart ZZZZ)**

**Facility Information**

**Company Name:** MidAmerican Energy Company

**Facility Name:** Pleasant Hill Energy Center

**Facility Number:** 77-13-002

**Facility Location:** 4401 Carlisle, Pleasant Hill, IA 50327

**Company Contact:** Veronica Danner  
4401 Carlisle Road  
Pleasant Hill, IA 50327

**Company Contact Telephone & E-mail:** 515-252-6884  
VLDanner@midamerican.com

**Facility Source Type:** Area Source

**Identification of Standard:** This facility is subject to 40 CFR 63 Subpart ZZZZ, National Emission Standards for Hazardous Air Pollutants for Reciprocating Internal Combustion Engines (RICE NESHAP).

**Engine Data**

<b>Emission Unit Number</b>	<b>Emission Unit Description</b>	<b>Is this an emergency engine?</b>	<b>Construction Date</b>	<b>Engine Model Year</b>	<b>Brake Horsepower (BHP)</b>
EP006	Diesel Starting Engine for Combustion Turbine Generator 1	No	6/1/1990	1990	539
EP007	Diesel Starting Engine for Combustion Turbine Generator 2	No	6/1/1990	1990	539

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**Date:** 8/27/2010

**Initial Notification for Compression Ignition Engines**  
**NESHAP for Reciprocating Internal Combustion Engines**  
**40 Code of Federal Regulations (CFR) 63.6580 – 63.6675 (Subpart ZZZZ)**

**Facility Information**

**Company Name:** MidAmerican Energy Company

**Facility Name:** Urbandale Business Center Diesel Generator

**Facility Number:** 02164

**Facility Location:** 4299 NW Urbandale Dr., Urbandale, IA 50322

**Company Contact:** Richard Rogers  
3500 104th Street  
Urbandale, IA 50322

**Company Contact Telephone & E-mail:** 515-281-2261  
RARogers@midamerican.com

**Facility Source Type:** Area Source

**Identification of Standard:** This facility is subject to 40 CFR 63 Subpart ZZZZ, National Emission Standards for Hazardous Air Pollutants for Reciprocating Internal Combustion Engines (RICE NESHAP).

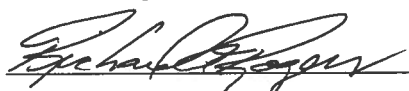
**Engine Data**

Emission Unit Number	Emission Unit Description	Is this an emergency engine?	Construction Date	Engine Model Year	Brake Horsepower (BHP)
EP1	Diesel Engine Generator	No	8/24/99	1999	1220

**Certification and Signature:**

I certify the truth, accuracy, and completeness of this notification.

**Responsible Official Name:** Richard A. Rogers

**Responsible Official Signature:** \_\_\_\_\_

**Date:** 8/25/10



**Initial Notification for Compression Ignition Engines**  
**NESHAP for Reciprocating Internal Combustion Engines**  
**40 Code of Federal Regulations (CFR) 63.6580 – 63.6675 (Subpart ZZZZ)**

**Facility Information**

**Company Name:** MidAmerican Energy Company

**Facility Name:** Des Moines Control Center Diesel Generator

**Facility Number:** 02164

**Facility Location:** 3500 104<sup>th</sup> Street, Urbandale, IA 50322

**Company Contact:** Richard Rogers  
3500 104<sup>th</sup> Street  
Urbandale, IA 50322

**Company Contact Telephone & E-mail:** 515-281-2261  
RARogers@midamerican.com

**Facility Source Type:** Area Source

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**Engine Data**

Emission Unit Number	Emission Unit Description	Is this an emergency engine?	Construction Date	Engine Model Year	Brake Horsepower (BHP)
EP1	Diesel Engine Generator	No	5/31/90	1990	2520

**Certification and Signature:**

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**Responsible Official Name:** Richard A. Rogers

**Responsible Official Signature:** 

**Date:** 8/25/10